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PTO/SB/21 (02-04)

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/584,981	
	Filing Date	January 13, 2006	
	First Named Inventor	BAMDAD, Cynthia C.	
	Art Unit	N/A	
	Examiner Name	N/A	
Total Number of Pages in This Submission	9	Attorney Docket Number	13150-70090US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/08A and PTO/SB/08B
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Firm or Individual name	Joseph Hyosuk Kim, Ph.D. Reg. No. 41,425 JHK Law
Signature	<i>Harry Sung Lee, Reg. No. 56,814</i>
Date	February 1, 2006

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Typed or printed name	Harry Sung Lee
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Date	February 1, 2006

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Docket No. 13150-70090US

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Harry Lee

Applicant: **BAMDAD, Cynthia C.**
Serial No.: **10/564,981**
Filed: **January 13, 2006**
Confirmation No.: **N/A**
Title: **METHODS FOR DIAGNOSIS AND TREATMENT OF CANCER**
Examiner: **N/A**
Art Unit: **N/A**
Attorney Docket No.: **13150-70090US**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents can be found in files for application number 09/996,069 filed November 27, 2001 since the same references have been submitted to the Patent Office on November 4, 2005 in connection with application number 09/996,069. Therefore, no copies of the references are included in this submission.

Docket No. 13150-70090US

Application No. 10/564,981

English Language Documents:

US 3,854,480, ZAFFARONI, December 17, 1974
US 4,452,775, KENT, June 5, 1984
US 4,675,189, KENT et al., June 23, 1987
US 5,075,109, TICE et al., December 24, 1991
US 5,133,974, PARADISSIS et al., July 28, 1992
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US 2003/0119834 A1, BAMDAD, June 26, 2003
US 2002/0156112 A1, BAMDAD et al., October 24, 2002
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WO 95/24929 A2, MATHIOWITZ et al., September 21, 1995 (with English abstract)
WO 00/34783 A1, BERGSMA et al., June 15, 2000
WO 00/43791 A2, BAMDAD et al., July 27, 2000
WO 02/056022 A2, BAMDAD et al., July 18, 2002
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WO 2004/005470 A2, PAYNE et al., January 15, 2004
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MEERZAMAN et al., "Involvement of the MAP kinase ERK2 in MUC1 mucin signaling", <i>Am. J. Physiol. Lung Cell Mol. Physiol.</i> (2001), 281: L86-L91
SPICER et al., "Molecular Cloning and Analysis of the Mouse Homologue of the Tumor-associated Mucin, MUC1, Reveals Conservation of Potential O-Glycosylation Sites, Transmembrane, and Cytoplasmic Domains and a Loss of Minisatellite-like Polymorphism", <i>The Journal of Biological Chemistry</i> (1991), 266(23): 15099-15109
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HORTON, "The $\alpha\beta 3$ Integrin "Vitronectin Receptor", <i>Int. J. Biochem. Cell Biol.</i> (1997), 29(5): 721-725
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TREON et al., "MUC-1 Core Protein is Expressed on Multiple Myeloma Cells and is Induced by Dexamethasone", <i>Blood</i> (1999), 93(4): 1287-1298
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from a Common Precursor", <i>The Journal of Biological Chemistry</i> (1992), 267(9): 6171-6177
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SAWHNEY et al., "Bioerodible Hydrogels Based on Photopolymerized Poly(ethylene glycol)-co-poly(α -hydroxy acid) Diacrylate Macromers", <i>Macromolecules</i> (1993), 26: 581-587
HIEKEN et al., "beta3 Integrin Expression in Melanoma Predicts Subsequent Metastasis", <i>Journal of Surgical Research</i> (1996): 63(1): 169-173(5) (abstract only)
VAILHE et al., "In vitro angiogenesis is modulated by the mechanical properties of fibrin gels and is related to alpha(v)beta3 integrin localization", <i>In Vitro Cell Dev. Biol. Anim.</i> (1997), 33(10): 763-773 (abstract only)
PEGRAM et al., "Phase II study of receptor-enhanced chemosensitivity using recombinant humanized anti-p185HER2/neu monoclonal antibody plus cisplatin in patients with HER2/neu-overexpressing metastatic breast cancer refractory to chemotherapy treatment", <i>Journal of Clinical Oncology</i> (1998), 16: 2659-2671 (abstract only)
FRALEY et al., "New generation liposomes: the engineering of an efficient vehicle for intracellular delivery of nucleic acids", <i>Trends in Biochemical Sciences</i> (1981), 6: 77-80 (abstract only)
KUFE et al., "Differential reactivity of a novel monoclonal antibody (DF3) with human malignant versus benign breast tumors", <i>Hybridoma</i> (1984), 3(3): 223-232 (abstract only)
SCHNEIDER et al., "nm23 expression in advanced and borderline ovarian carcinoma", <i>Anticancer Res.</i> (1996), 16(3A): 1197-1202 (abstract only)
MAO et al., "Loss of nm23 expression predicts distal metastases and poorer survival for breast cancer", <i>Int. J. Oncol.</i> (2001), 18(3): 587-591 (abstract only)
GREGORIADIS, "Liposomes for drugs and vaccines", <i>Trends in Biotechnology</i> (1985), 3(9): 235-241 (abstract only)

Foreign Language Document:

WO 92/07000A1, CHAMBON et al., April 30, 1992 (with English abstract)

It is respectfully requested that the Examiner indicate consideration of the cited references by returning copies of the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) with initials or other appropriate marks, and that the references be made of record as cited references in the application.

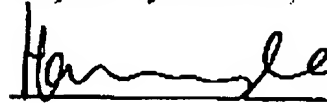
This Information Disclosure Statement is being filed within three (3) months from the filing date and before the mailing date of a First Office Action on the merits in the above-identified case. Therefore, no fee is required.

The Commissioner is authorized to charge JHK Law's Deposit Account No. 502486 for any fees required under 37 CFR §§ 1.16 and 1.17 and to credit any overpayment to said Deposit Account No. 502486.

Docket No. 13150-70090US

Application No. 10/564,981

Respectfully submitted,

 *Lee, Reg. No. 56,814*

February 1, 2006
Date

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/564,981
Filing Date	January 13, 2006
First Named Inventor	BAMDAD, Cynthia C.
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	13150-70090US

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US- 3,854,480	12-17-1974	ZAFFARONI	whole document
	A2	US- 4,452,775	06-05-1984	KENT	whole document
	A3	US- 4,675,189	06-23-1987	KENT et al.	whole document
	A4	US- 5,075,109	12-24-1991	TICE et al.	whole document
	A5	US- 5,133,974	07-28-1992	PARADISSIS et al.	whole document
	A6	US- 5,407,686	04-18-1995	PATEL et al.	whole document
	A7	US- 5,736,152	04-07-1998	DUNN	whole document
	A8	US- 6,127,393	10-03-2000	FERNANDEZ-POL	whole document
	A9	US- 6,548,643 B1	04-15-2003	MCKENZIE et al.	whole document
	A10	US- 2003/0130293 A1	07-10-2003	BAMDAD	whole document
	A11	US- 2003/0119834 A1	06-26-2003	BAMDAD	whole document
	A12	US- 2002/0156112 A1	10-24-2002	BAMDAD et al.	whole document
	A13	US- 09/631,818 (08-03-2000)		BAMDAD	whole document
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	B1	WO 92/07000	04-30-1992	CHAMBON et al.	whole document	✓
	B2	WO 95/24929	09-21-1995	MATHIOWITZ et al.	whole document	
	B3	WO 00/34783	06-15-2000	BERGSMA et al.	whole document	
	B4	WO 00/43791	07-27-2000	BAMDAD et al.	whole document	
	B5	WO 02/056022 A2	07-18-2002	BAMDAD et al.	whole document	
	B6	WO 02/078598 A2	10-10-2002	WRESCHNER et al.	whole document	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/564,981
Filing Date	January 13, 2006
First Named Inventor	BAMDAD, Cynthia C.
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	13150-70090US

Sheet

1

of

2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	MEERZAMAN et al., "Involvement of the MAP kinase ERK2 in MUC1 mucin signaling", Am. J. Physiol. Lung Cell Mol. Physiol. (2001), 281: L88-L91	
	C2	SPICER et al., "Molecular Cloning and Analysis of the Mouse Homologue of the Tumor-associated Mucin, MUC1, Reveals Conservation of Potential O-Glycosylation Sites, Transmembrane, and Cytoplasmic Domains and a Loss of Minisatellite-like Polymorphism", The Journal of Biological Chemistry (1991), 266(23): 15099-15109	
	C3	VARNER et al., "Integrins and cancer", Current Opinion in Cell Biology (1996), 8: 724-730	
	C4	HORTON, "The avb3 Integrin "Vitronectin Receptor", Int. J. Biochem. Cell Biol. (1997), 29(5): 721-725	
	C5	ROSS et al., "The HER-2/neu Oncogene in breast Cancer: Prognostic Factor, Predictive Factor, and Target for Therapy", Stem Cells (1998), 16: 413-428	
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	C7	LIGTENBERG et al., "Cell-associated Episialin is a Complex Containing Two Proteins Derived from a Common Precursor", The Journal of Biological Chemistry (1992), 267(9): 6171-6177	
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Sheet 2	of 2	Attorney Docket Number	13150-70090US

NON PATENT LITERATURE DOCUMENTS			
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	C11	VAILHE et al., "In vitro angiogenesis is modulated by the mechanical properties of fibrin gels and is related to alpha(v)beta3 integrin localization", In Vitro Cell Dev. Biol. Anim. (1997), 33(10): 763-773	
	C12	PEGAM et al., "Phase II study of receptor-enhanced chemosensitivity using recombinant humanized anti-p185HER2/neu monoclonal antibody plus cisplatin in patients with HER2/neu-overexpressing metastatic breast cancer refractory to chemotherapy treatment", Journal of Clinical Oncology (1998), 16: 2658-2671	
	C13	FRALEY et al., "New generation liposomes: the engineering of an efficient vehicle for intracellular delivery of nucleic acids", Trends in Biochemical Sciences(1981), 6: 77-80	
	C14	KUFE et al., "Differential reactivity of a novel monoclonal antibody (DF3) with human malignant versus benign breast tumors", Hybridoma (1984), 3(3): 223-232	
	C15	SCHNEIDER et al., "nm23 expression in advanced and borderline ovarian carcinoma", Anticancer Res. (1996), 16(3A): 1197-1202	
	C16	MAO et al., "Loss of nm23 expression predicts distal metastases and poorer survival for breast cancer", Int. J. Oncol. (2001), 18(3): 587-591	
	C17	GREGORIADIS, "Liposomes for drugs and vaccines", Trends in Biotechnology (1985), 3(9): 235-241	

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